

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-760 REV. E AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-760 REV. 4.

REF. FAA STC: SR02492NY

REF. TCCA STC: SH07-37

REF EASA STC: EASA.IM.R.S.01361

Purpose:

The purpose of this Service Instruction is to add the D412-760-019 Cabin Floor Protector Kit to accommodate previously installed custom passenger seat rails. Figure 1 shows the installation for the D412-760-019 Cabin Floor Protector Kit.

Part List:

QTY -019	Part Number	Description
X	D412-760-019	Cabin Floor Protector Kit (205/210/212/214)
1	D4122-1	Floor Protector, Forward
1	D4122-3	Floor Protector, Aft
6	D3580-1	Joggle Bracket
10	D3628-1	Cupped Washer

All parts to be installed per the corresponding Sections of IIN-D412-760 and maintained per ICA-D412-760.

Note:

1. The D412-760-019 Cabin Floor Protector kit does not have pre-drilled holes in the two Lexan™ sheets. This allows customers to cut relief holes, trim, and transfer drill attachment holes through floor protectors to permit installation of other kits. The floor protectors are installed into existing nut plates in the aircraft cabin floor with screws/bolts.
2. If a protector is trimmed such that a fastener can no longer be installed as recommended in these instructions, the fastener must be relocated to a suitable location on the untrimmed/remaining portion of the protector so that the edge of protector is well secured and the total number of fasteners securing the protectors to the airframe is preserved.

Weight and Balance:

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D412-760-019	25.9 lb	0.0 in	0.0 lb-in	97 in	2512 in-lb
Cabin Floor Protector Kit	11.8 kg	0.0 m	0.0 m-kg	2.46 m	29.0 m-kg

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 10.10.13

CERT. NO.: SH07-37

ISSUE NO.: 2

B	EGDE CUT OUTS REMOVED, ALL HOLES ARE MOVED 5/8" FWD	SC	10.10.13
A	NEW ISSUE	SC	10.05.26
REV.	DESCRIPTION	BY	DATE
DESIGN	SC	DART AEROSPACE LTD	
DRAWN	SC	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9523	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		CABIN FLOOR PROTECTOR KIT	NTS
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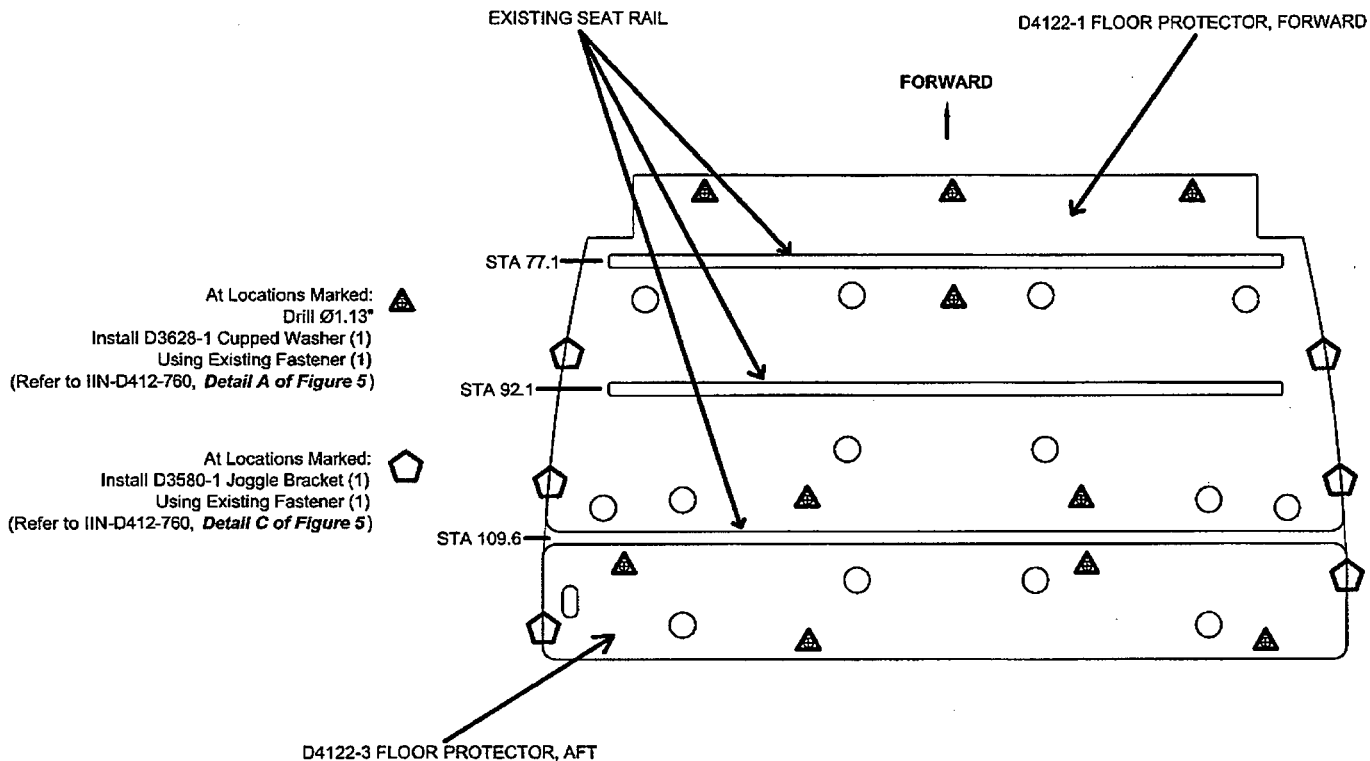


FIGURE 1: D412-760-019 CABIN FLOOR PROTECTOR KIT INSTALLATION

DESIGN	SC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SC		
CHECKED	JP	DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9523	SHEET 2 OF 2
APPROVED	AM	TITLE	SCALE
DE APPR.	TH	CABIN FLOOR PROTECTOR KIT	NTS
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